

Accelerated NetBridge Cellular Wireless Router



Product Overview

The Accelerated NetBridge can be used for Primary or Backup Cellular data connectivity. When attached to a NetBridge any Ethernet device can utilize fast and convenient Cellular data. It is not necessary to co-locate the NetBridge with other telecommunications equipment. It is designed to be optimally located for the strongest Cellular reception. This eliminates the need for expensive and often ineffective external antennas. Power over Ethernet (PoE) support simplifies the installation and increases placement flexibility. Centralized configuration, control, monitoring, and reporting permits efficient management of remote locations.

NetBridge – Product Description

The Accelerated NetBridge (Model AC-NB-107) allows any Ethernet device to utilize Cellular wireless data for either primary or backup connectivity. The NetBridge can operate in either a Transparent Bridge or Router mode.

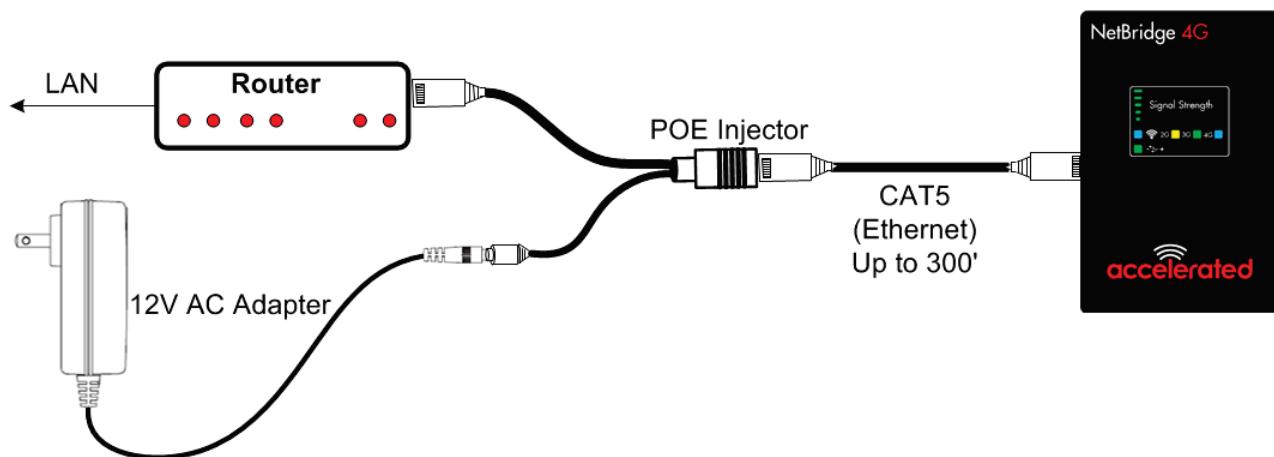
Cellular Modem Support: Two USB ports (1 internal and 1 external) support the latest USB Cellular Modems from major providers including: Franklin, Huawei, LG, Novatel, Ovation, Pantech, Sierra and ZTE. The Netbridge supports: LTE, HSPA+, HSPA21, HSPA42 and EVDO. For a current list of supported modems go to: <http://www.acceleratedconcepts.com/modems>.

Cellular Signal Optimization and Installation Flexibility: It is not necessary to co-locate the NetBridge with other telecommunication equipment. The NetBridge is designed to be located for optimal Cellular signal strength. The built-in signal strength meter and included temporary battery pack can be used to identify the optimal installation location. In addition, the NetBridge can be powered directly using the included 12V power adapter or over Ethernet Category 5 cable via Passive Power-over-Ethernet (PoE) and the included power injector cable.

Centralized Configuration, Control, Monitoring & Reporting: Using the Accelerated Network Management System (ANMS) individual or groups of NetBridge devices can be centrally configured and controlled (i.e. probed, rebooted and firmware updated). NetBridge status can be viewed in tabular form or graphically on maps. The ANMS dashboard displays all devices in alert status and alerts can be directed to e-mail and / or SMS.

NetBridge Model AC-NB-107 Specifications

Ethernet	1 Ethernet port 10/100 BASE-T (RJ-45)
Cellular USB Modem ports	1 Internal; 1 External
Cellular Compatibility	LTE, HSPA+, HSPA21, HSPA42, EVDO, Wi-MAX
PoE	Passive PoE (remote power) using the included injector cable
Power supply	12V DC, 1.5A; 100–240 AC
LEDs	USB Modem, Signal Strength and 2G / 3G / 4G
Dimensions	3.3 x 5.0 x 1.75 inches
Weight	6.1 ounces
Temperature	32°F to 122°F operating
Certifications	FCC Part 15 Class B



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